

E906/SeaQuest AEM Update

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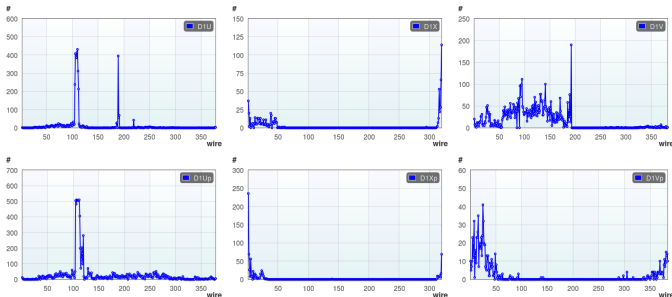
December 14, 2015

Status Summary

- Target - Minor Work
- Hodoscopes
- DAQ
 - decoding problem solved - ROOT linking error
 - ScalarDAQ disk was cleaned
- Chambers - Much to talk about

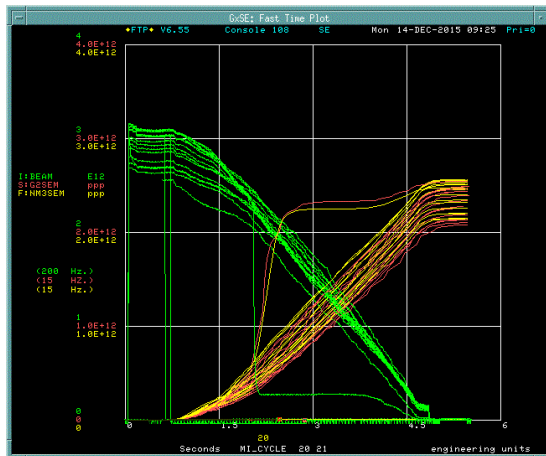
Running through the < 6 Drift Chamber Woes

- St.1 - Phantom currents, $< 10\mu A$ \rightarrow periodic trips but simple resets
- St.1 - Problems with CAEN switching HV PS cause false broken wire style trips
- St.1 - Improved switching power supply ramp signal \rightarrow more stable chamber
- St.2 - Occasional trips, simple resets



Second Instant Spill Dump Event

This morning another large spill dump event knocked out our St. 1, It was recovered immediately.



Summary/Future Plans

- Currently improving St. 1 chamber stability by further testing CAEN HV PS
- All other systems nominal